

AmberLED Large Box Vaporproof FXVB43Q



AMBERLED • HARSH ENVIRONMENTS • VAPORPROOF

The AmberLED Classic LED Box Mount Vaporproof fixture is designed to replace HID lighting systems up to 70w MH or HPS for wildlife, dark skies, or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required for wildlife protection. This vapor resistant fixture can withstand extreme physical and environmental abuse and is ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 12 feet can be used based on light level and uniformity requirements.

HOUSING:

Heavy Duty Die Cast Aluminum Housing & Screw On Guard, 3/4" NPS Threaded Mounts.

LISTING & RATINGS:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment

FINISH:

Textured Gray Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

LENS:

Clear Glass Globe Lens.

MOUNTING OPTIONS:

Surface Mount

AMBERLED LED:

Aluminum Boards

WATTAGE:

Array: 10w, System: 14.2w (70w HID Equivalent)

DRIVER:

Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

LIFESPAN:

L70>135,000 Hours

WARRANTY:

5-Year Warranty for -40°C to +40°C Environment.

See Page 3 for Projected Lumen Maintenance Table.



PROJECT INFORMATION:

Project Name: _____ Fixture Type: _____

Complete Catalog #: _____ Date: _____

Comments: _____

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We have custom and standard manufacturing options. Use this form to build your part number or reach out to our sales team for assistance.

GET YOUR PRODUCTS FASTER WITH OUR QUICK SHIP PROGRAM

Multiple USA locations = 98-3-1 Quick Ship Program
98% Fill Rate – 3 Day Lead Time – 1 Piece Minimum Order

ORDER EXAMPLE

FXVP43Q

Series

Optics

F

1X10

Wattage

Driver

U

AM

CCT

Color

G

SF

Options

ORDER CONFIGURATION

Series	Optics	Wattage	Driver	CCT	Color	Options
FXVB43Q=AmberLED Large Box Mount Vaporproof	F=Type V	1X10=10w	U=120-277V	AM=1400K	G=Gray C=Custom (Consult Factory)	SF=Single Fuse* DF=Double Fuse* *120-277V Models Only.
FXVB43Q	F	1X10	U	AM		

Accessories

(Order Separately, Field Installed)

Options	Description
FXVS30	Angled Aluminum Shade, Platinum Powdercoat Finish. 8 $\frac{3}{4}$ " H by 11 $\frac{3}{4}$ " Dia.
FXVWGA	Wire Guard for Angled Shade, Stainless Steel
FXCPRB1	Die Cast Round Electrical Box with Five (5) $\frac{1}{2}$ " Coin Plugs
FXCPRC1	Backplate, $\frac{1}{2}$ " Coin Plugs
FXCPRB3	Die Cast Round Electrical Box with Five (5) $\frac{3}{4}$ " Coin Plugs



FXVS30AP



FXVWGA*



FXCPRB1



FXCPRC1

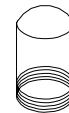


FXCPRB3

Mounting Accessories

(Order Separately, Field Installed)

Options	Description
FXVG30	Heat-Treated Clear Glass Globe
FXVP3G	Cast Guard



FXVG30



FXVP3G

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FXVB43Q PHOTOMETRIC DATA

Wattage (Catalog Logic)		10W (1X10)	
Input Watts		14.2W	
Lumen Package	Optic	CCT	Delivered Lumens
EasyLED 10W	Type V	Amber	374
		Bug Rating	B0-U2-G0

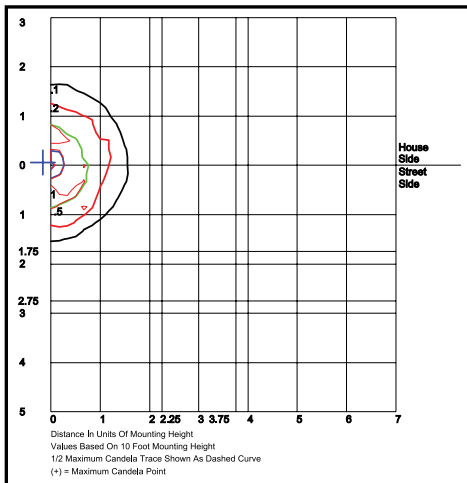
FXVB43Q PROJECTED LUMEN MAINTENANCE

Data shown for Amber	Input Watts	Initial	Compare to MH			Calculated LED Life
			TM-21-11	25,000 Hrs	50,000 Hrs	
L70 Lumen Maintenance @ 25°C / 77°F	13	1.00	0.94	0.89	0.78	135,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.85	0.69	0.39	49,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.92	0.84	0.67	61,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

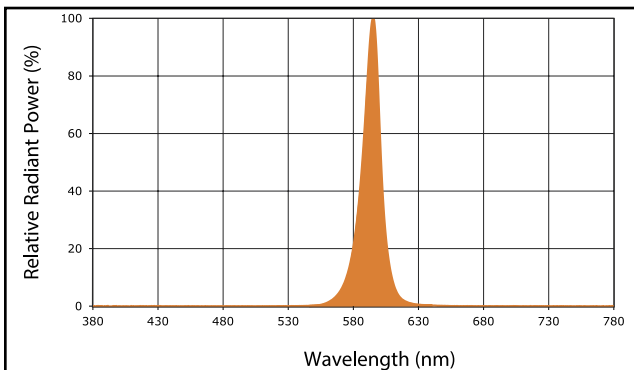
FXVB43Q DISTRIBUTION



FXVB43QF1X10UAM
Type V

Grid in MH
MH=10 Feet

Spectral Chart



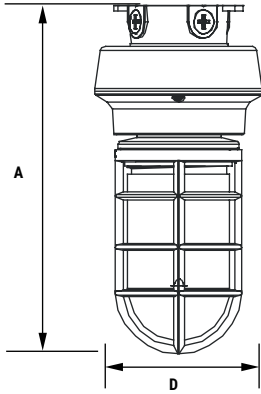
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FXVB43Q DIMENSIONAL DATA



FXVB43Q Dimensions

Diameter (D)	7 $\frac{1}{2}$ " (181mm)
Height (A)	15" (381mm)

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Information provided is subject to change. Please verify all details with FX Lighting. All values are designed to standard industry values when measured under laboratory conditions, and FX Lighting makes no warranty or guarantee, expressed or implied, that such performance will be obtained under end-use conditions.